

0934735.08201

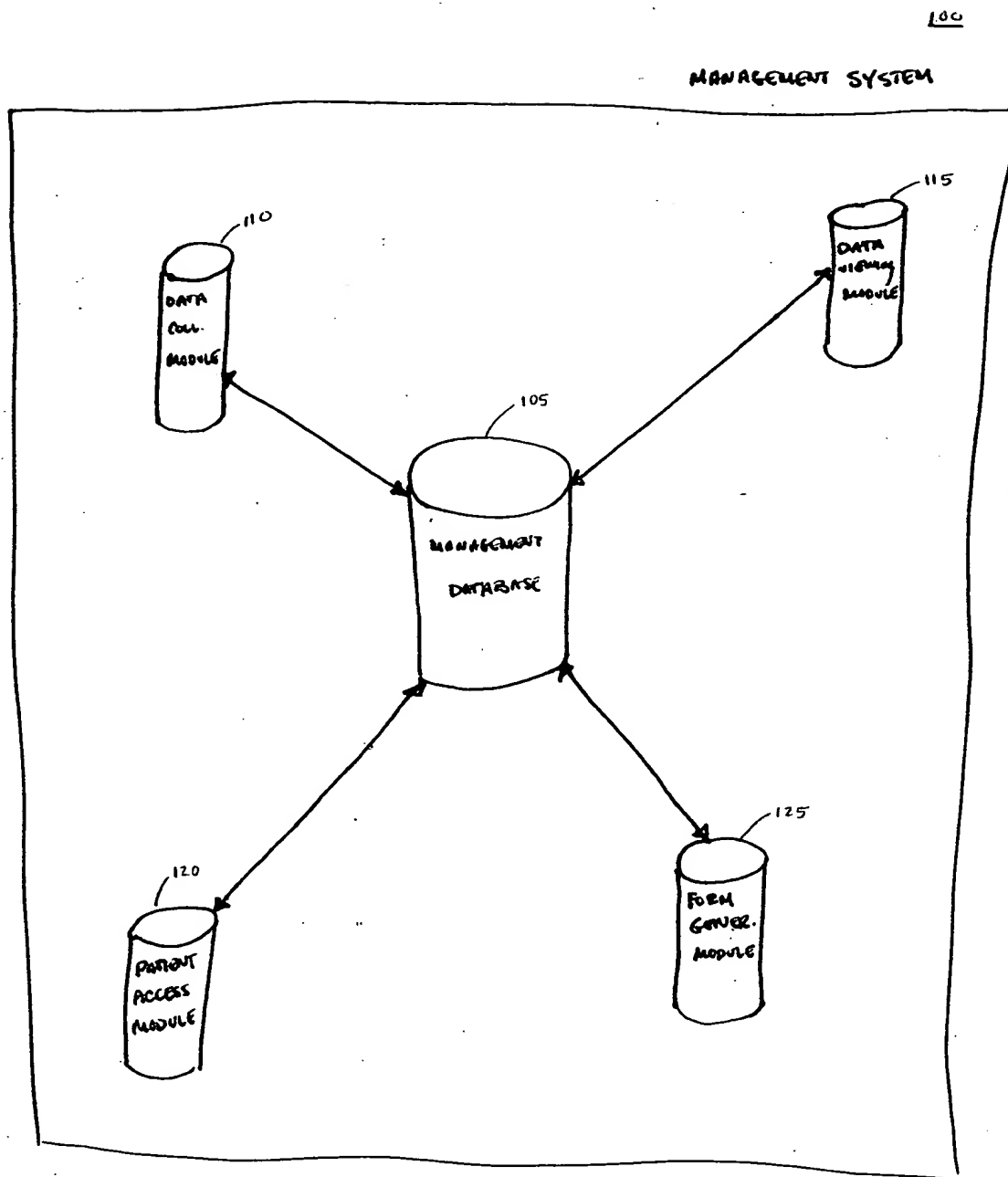


FIG. 1

09934735-082201

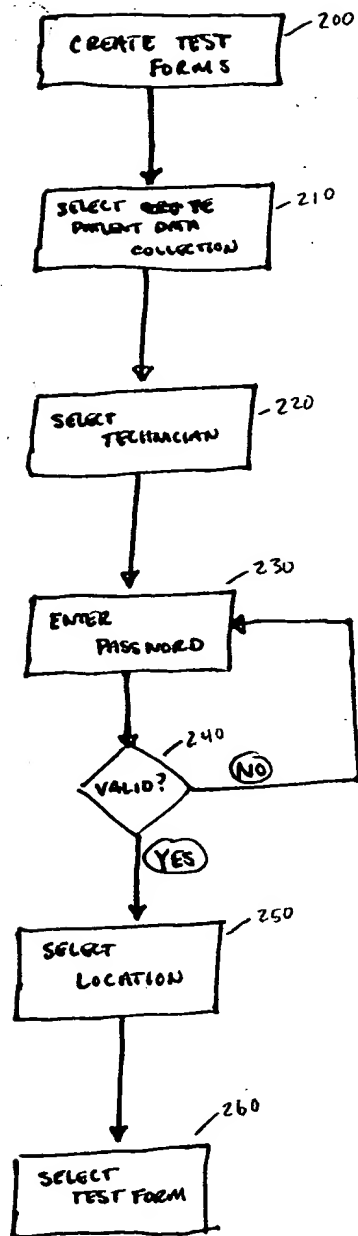


FIG. 2

0934735-06201

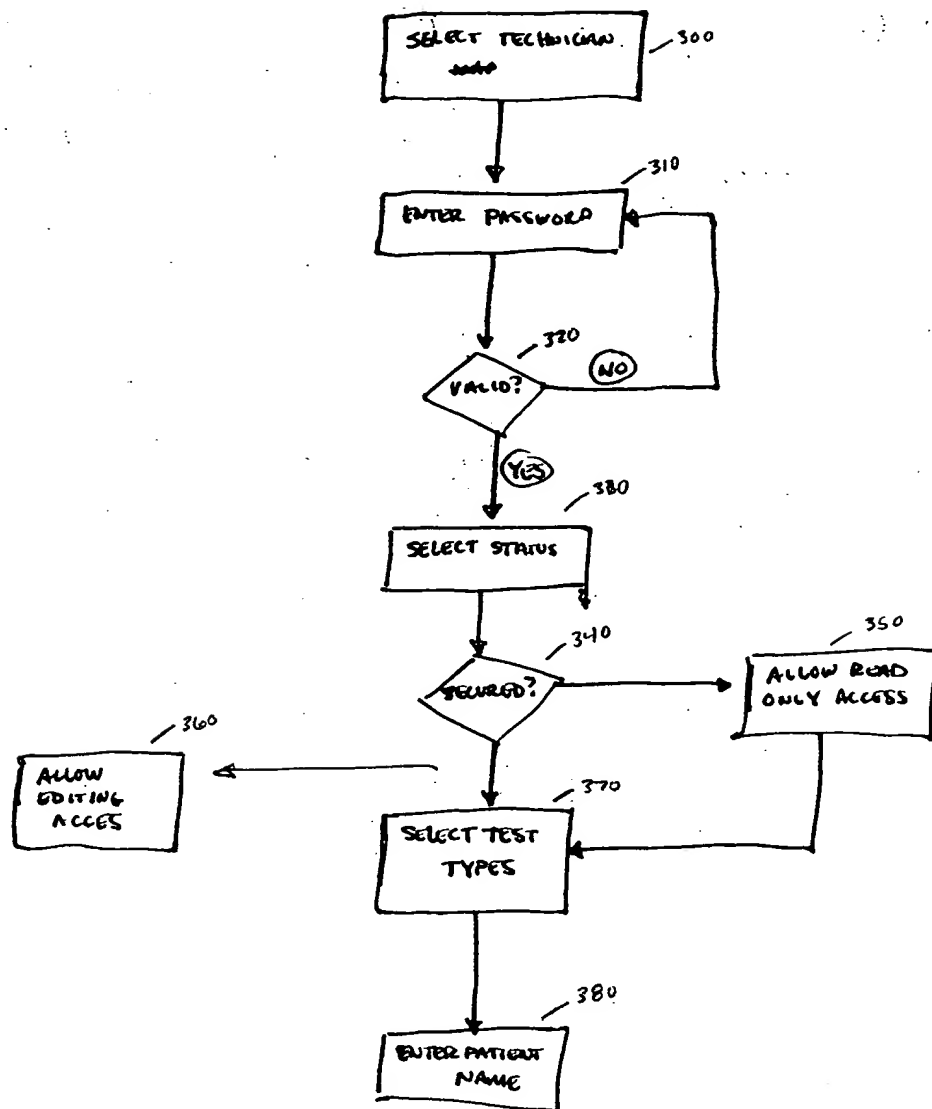


FIG. 3

0993435.08204

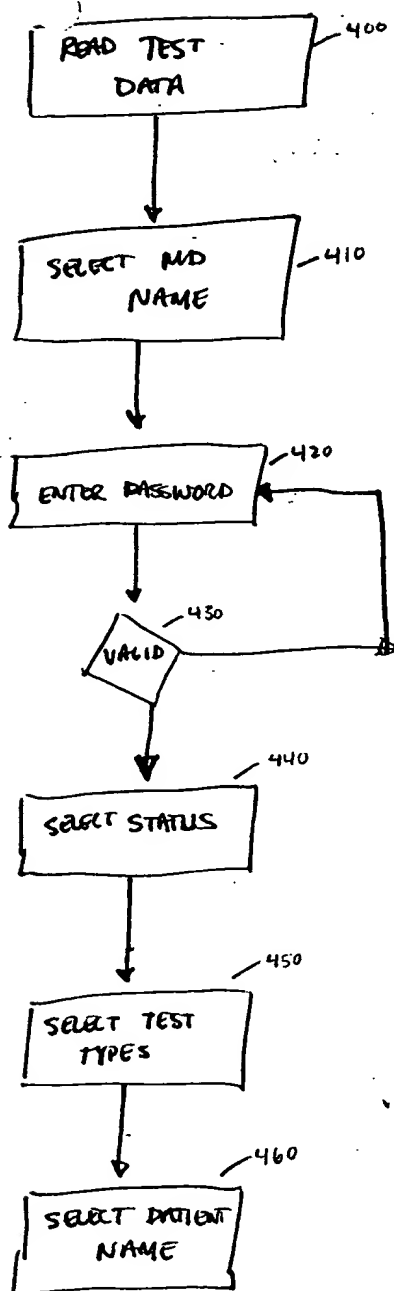


FIG. 4

102280-5E4E660

Main Form

100

Microsoft Access - [HeartWatch Main Menu]

HeartPlace

Main Menu

- ☐ Collect Patient Test Data - Technician 540
- ☐ Edit/View Patient Test Data - Technician 520
- ☐ Read Patient Test Data - MD 530
- ☐ Maintain Application Tables - IS 540
- ☐ View Tests by Patient 550
- ☐ Print Signed Tests - Administrative
- ☐ Exit Application

HeartPlace

FIG. 5

102280"5E4E660

Collect Patient Test Date

605

600

Collect Patient Test Data

Step 1: Select Patient Location

Step 2: Select Patient Name

Step 3: Select Patient

Step 4: Select Patient

610

615

620

625

630

635

FIG. 6



Non-Invasive Lr  
411 N. Washington, Suite 300  
Dallas, TX 75246  
(214) 841-2000

HP MD: Kevin R. Wheeler, M.D.  
HP Technician: Blundell, Angela

Consult MD: COHN MD, PETER D  
Consult MD:

640  
645  
640  
670  
PLName (Last, First): ABBOTT, KATHLEEN  
HP Acct ID#: L3410  
Test Date: 7/19/2000  
DOB: 1/7/1967 Sex: F Age: 33  
Pt Phone: 940 464 0309 Tape #: 2268  
Phone: 214 750-6711 Fax: 214 750-6226

## 2D Echo/Doppler

DOPPLER VALVE DATA:		MEASUREMENTS:	
<b>AORTIC VALVE</b> Normal Values Peak Velocity: 1.5 m/s (0.5-1.8 m/s) LVOT Velocity: m/s Mean Gradient: mmHg Maximum Gradient: 9.0 mmHg LVOT Diameter: cm AV Area: cm <sup>2</sup> Regurgitation: <input checked="" type="checkbox"/> None <input type="checkbox"/> Trace <input type="checkbox"/> Mild <input type="checkbox"/> Mod <input type="checkbox"/> Severe		<b>Measured Values</b> SEPTUM: 0.7 CM (0.6-1.1) POST. WALL: 1.1 CM (0.6-1.1) LVEDD: 4.4 CM (3.5-5.7) LVESD: 2.5 CM (2.0-3.7) AORTA: 2.6 CM (2.0-3.7) AO VALVE: 2.1 CM (0.9-4.0) L ATRIUM: 2.9 CM (0.9-4.0) RV DIAST: 2.0 CM (0.9-2.6)	
<b>MITRAL VALVE</b> Peak Velocity E wave: 0.8 m/s (0.4-1.3 m/s) Peak Velocity A wave: 0.6 m/s (0.4-1.3 m/s) Deceleration Time: msec Mean Gradient: mmHg Pressure Half Time: msec (20-60) MV area: cm <sup>2</sup> Regurgitation: <input type="checkbox"/> None <input type="checkbox"/> Trace <input checked="" type="checkbox"/> Mild <input type="checkbox"/> Mod <input type="checkbox"/> Severe		<b>Wall Motion</b> NORMAL HYPO AKIN DYSKIN Anterior: <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Septum: <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Inferior: <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Posterior: <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Lateral: <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Apex: <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Ejection Fraction (EF) = Approx: 65 to 70 %	
<b>TRICUSPID VALVE</b> Peak Velocity: 0.9 m/s (0.3-1.0 m/s) TR Velocity: 2.0 m/s ERAP: 10 mmHg Est RV systolic pressure: 26.0 mmHg (4V <sup>2</sup> + ERAP) Regurgitation: <input type="checkbox"/> None <input type="checkbox"/> Trace <input checked="" type="checkbox"/> Mild <input type="checkbox"/> Mod <input type="checkbox"/> Severe		IV Contrast: <input checked="" type="checkbox"/> Yes IV Contrast Reason: Tissue Doppler: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>PULMONIC VALVE</b> Peak Velocity: 0.8 m/s (0.5-1.5 m/s) Acceleration Time: msec Regurgitation: <input type="checkbox"/> None <input type="checkbox"/> Trace <input checked="" type="checkbox"/> Mild <input type="checkbox"/> Mod <input type="checkbox"/> Severe		Technical Quality: <input type="checkbox"/> Technically Difficult <input checked="" type="checkbox"/> Good	

### CONCLUSIONS:

2D ECHO/COLOR DOPPLER REVEALING NORMAL LV SYSTOLIC/DIASTOLIC FUNCTION AND CHAMBER SIZES. THERE IS MILD MR NOTED WITHOUT PROLAPSE.

HP Reading MD: Charles M. Gottlieb, M.D.  
Reading Dates: Original: 7/19/2000 Revised:   
Not Valid without Digital Signature.

DIGITALLY VERIFIED SIGNATURE DIGITALLY VERIFIED SIGNATURE

Charles M. Gottlieb

Fig. 6a

1022280" 55/4E660

Table\_Patient

Acct ID was not found in the Patient Table  
Please Enter Patient Information

Acct ID:

Name:

DOB:

Gender:

Address:

Phone Number:

Help to Previous form

Record:

647

648

649

650

651

652

653

FIG. 6b



09934735-08201

Edit/View Patient Test Data

HeartWatch

Edit / View Patient Test Data

Test Not Yet Read/Signed

4

5

760

770

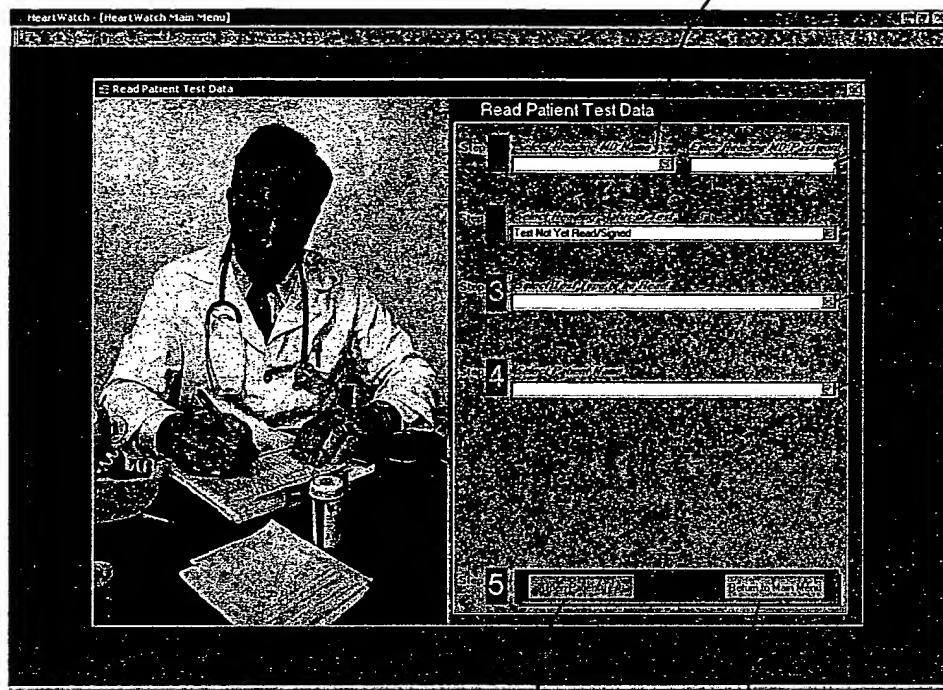
Fig. 7

1093475-02201

Read Patient Test Data

810

800



860

810

Fig. 8

# View Tests by Patients

- Lists all tests done for a given patient -

frmTestListing\_main

End Patient: ACOSTA, FRANCISCA

Patient Name	Test Name	Test Date
ACOSTA, FRANCISCA	Stress Echo Bruce	5/30/2000
ACOSTA, FRANCISCA	2D Echo Doppler	5/30/2000

Record: 1 of 2

Return to Previous Form

Fig. 9

102280"5E/4E660

- Allows users to print tests read on any day specified, for any one or group of locations.
- Users may also list all test in the system that have not been read by a doctor

--Users may also list all test in the system that have not been read by a doctor

1000

1010

1030

1015

1040

1050

1060

FIG. 10